

FIG. 2

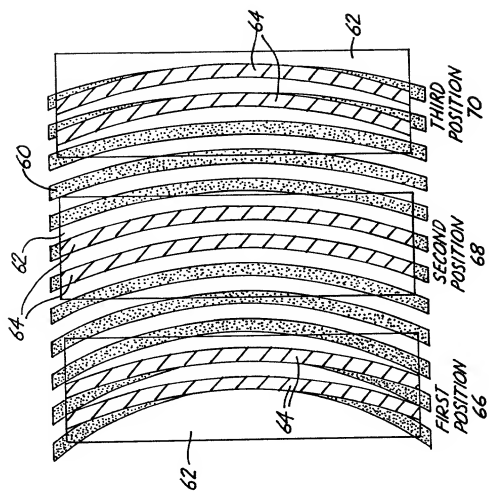


FIG. 3

$$d = R - \sqrt{R^2 - y^2}$$

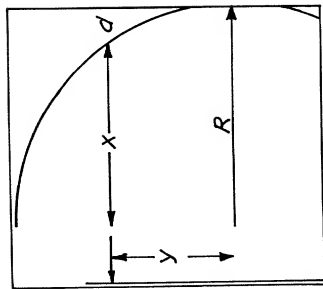


FIG. 4

Curvature depth in micrometers  
Change in curvature with respect to 28mm radius

| y (mm) | 16     | 20    | 24    | 28    | 32     | 36     | 40     | 44     |
|--------|--------|-------|-------|-------|--------|--------|--------|--------|
| 0.000  | 0.000  | 0.000 | 0.000 | 0.000 | 0.000  | 0.000  | 0.000  | 0.000  |
| 0.010  | 0.123  | 0.098 | 0.082 | 0.070 | 0.062  | 0.055  | 0.049  | 0.045  |
| 0.020  | 0.492  | 0.394 | 0.328 | 0.281 | 0.246  | 0.219  | 0.197  | 0.179  |
| 0.030  | 1.107  | 0.886 | 0.738 | 0.633 | 0.554  | 0.492  | 0.443  | 0.403  |
| 0.040  | 1.969  | 1.575 | 1.312 | 1.125 | 0.984  | 0.875  | 0.787  | 0.716  |
| 0.050  | 3.076  | 2.461 | 2.051 | 1.758 | 1.538  | 1.367  | 1.230  | 1.118  |
| 0.060  | 4.429  | 3.543 | 2.953 | 2.531 | 2.215  | 1.969  | 1.772  | 1.611  |
| 0.070  | 6.029  | 4.823 | 4.019 | 3.445 | 3.014  | 2.679  | 2.411  | 2.192  |
| 0.080  | 7.874  | 6.299 | 5.249 | 4.499 | 3.937  | 3.500  | 3.150  | 2.863  |
| 0.090  | 9.966  | 7.972 | 6.644 | 5.695 | 4.983  | 4.429  | 3.986  | 3.624  |
| 0.100  | 12.303 | 9.843 | 8.202 | 7.030 | 6.152  | 5.468  | 4.921  | 4.474  |
|        | 5.273  | 2.812 | 1.172 | 0.000 | -0.879 | -1.562 | -2.109 | -2.557 |

FIG. 5

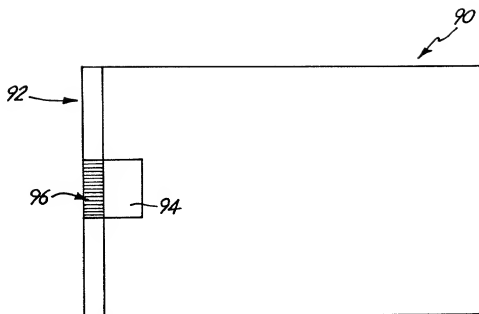


FIG. 6